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(71) Applicants and

(72) Inventors: KWON, Hyung-Joo [KR/KR]; 104-1506  
Kunyoung Apt., Yongam-dong, Sangdang-gu,  
Cheongju-si, Chungcheongbuk-do 360-770 (KR). KIM,  
Tae-Yoon [KR/KR]; 8-702 Asia Seonsuchon Apt., 86,  
Jamsil 7-dong, Songpa-gu, Seoul 138-797 (KR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KIM, Doo-Sik  
[KR/KR]; 84-3 Yeonhui 2-dong, Seodaemun-gu, Seoul  
120-824 (KR).

(74) Agent: SON, Min; 19th Floor, City Air Tower 159-9, Sam-  
seong-dong, Gangnam-gu, Seoul 135-973 (KR).

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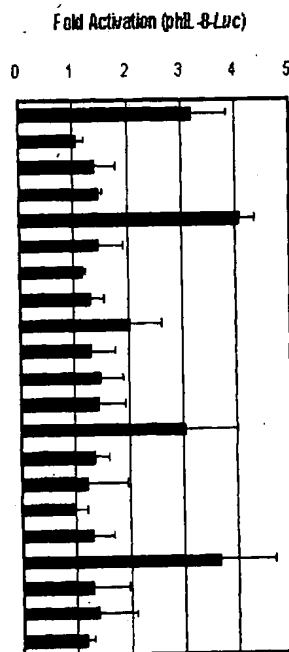
[Continued on next page]

(54) Title: OLIGONUCLEOTIDES DERIVED FROM MYCOBACTERIUM FOR STIMULATING IMMUNE FUNCTION,  
TREATING IMMUNE-RELATED DISEASES, ATOPIC DERMATITIS AND/OR PROTECTING NORMAL IMMUNE CELL

a)

ODN	Sequence
MB-ODN 31(D)	AGCAGGCTTCTGTCTGGGCT
MB-ODN 31(M)	AGGCTTCTGTCTGGGCT
#31-CG-1	AGCAGGCTTCTGTCTGGGCT
#31-CG-2	AGCAGGCTTCTGTCTGGGCT
#31-CG-3	AGCAGGCTTCTGTCTGGGCT
#31-CG-4	AGCAGGCTTCTGTCTGGGCT
#31-CG-5	AGCAGGCTTCTGTCTGGGCT
#31-CG-6	AGCAGGCTTCTGTCTGGGCT
#31-CG-7	AGCAGGCTTCTGTCTGGGCT
#31-A-1	AGCAGGCTTCTGTCTGGGCT
#31-A-2	AGCAGGCTTCTGTCTGGGCT
#31-A-3	AGCAGGCTTCTGTCTGGGCT
#31-B-1	AGCAGGCTTCTGTCTGGGCT
#31-B-2	AGCAGGCTTCTGTCTGGGCT
#31-B-3	AGCAGGCTTCTGTCTGGGCT
#31-C-1	AGCAGGCTTCTGTCTGGGCT
#31-C-2	AGCAGGCTTCTGTCTGGGCT
#31-C-3	AGCAGGCTTCTGTCTGGGCT
#31-D-1	AGCAGGCTTCTGTCTGGGCT
#31-D-2	AGCAGGCTTCTGTCTGGGCT
#31-D-3	AGCAGGCTTCTGTCTGGGCT

b)



(57) Abstract: Disclosed are oligonucleotides  
for manipulating an immune reaction. The  
oligonucleotides of the present invention may  
be useful to stimulate the immune function, to  
treat the immune-related diseases and the atopic  
dermatitis, or to protect the normal immune cells.

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*